



Installing Canon PowerShot S80 Motherboard

Tools used in this guide

- [Metal Spudger](#) (1)
- [Phillips #00 Screwdriver](#) (1)

This guide serves to remove and replace the motherboard.



Step 1 - *disassembly Outer Casing*

- Remove the knot on the wrist lanyard.
- Remove the battery and memory card.



Step 2

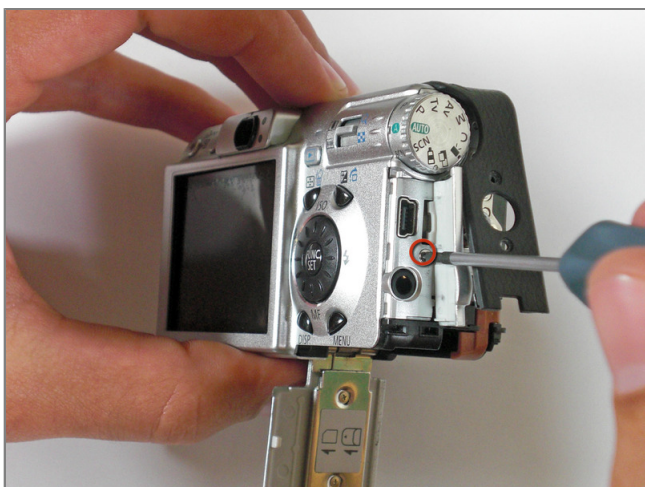
- Remove all screws from sides of outer casing.
- Begin removing the screws on the bottom of the outer casing.
- Remove the rest of the screws from the outer casing.





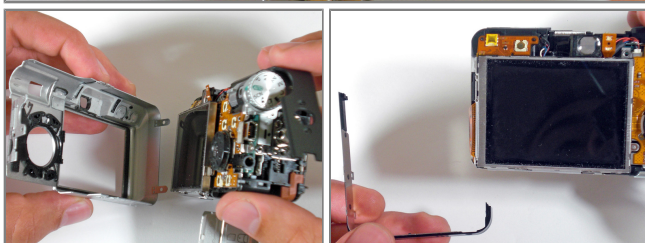
Step 3

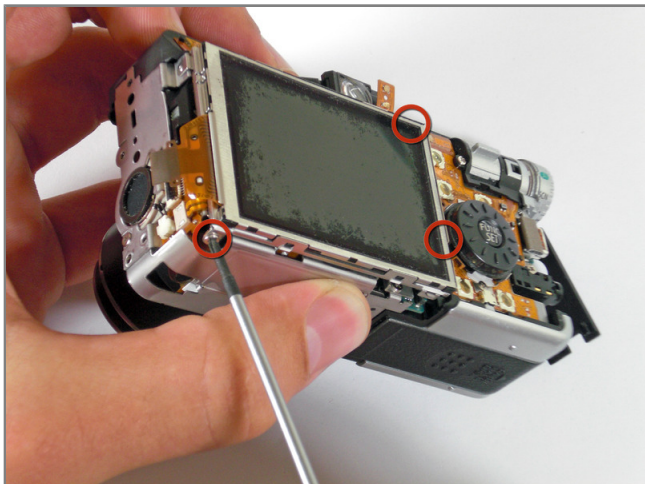
- Gently pull the front cover off the camera.



Step 4

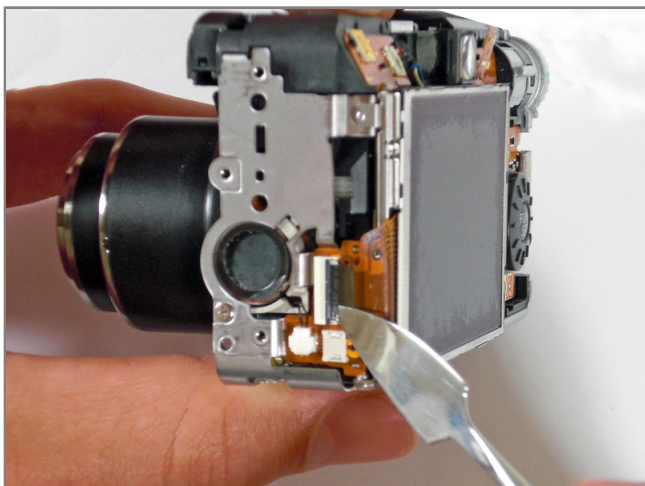
- Open the "A/V Out Digital" cover slide, and remove the screw inside.
- Gently pull off the back casing.
- Remove the black "L" shaped piece of metal.





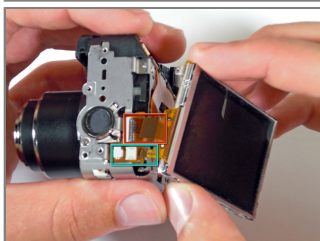
Step 5 - LCD Screen

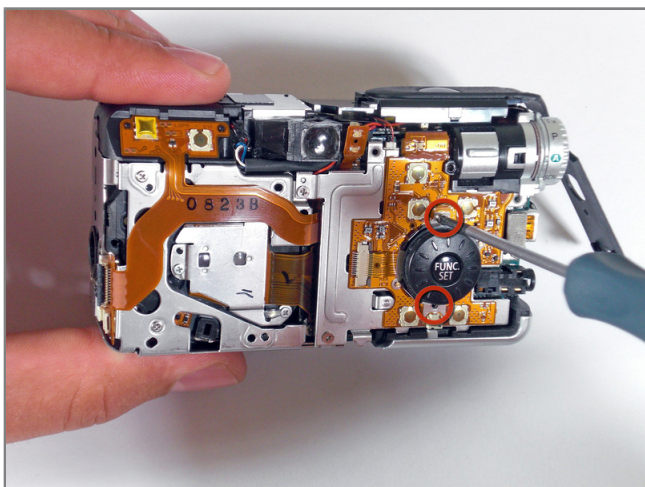
- Remove the three screws that are holding the screen in place and free the screen from the underlying components.
- Be careful of the ribbon wire that is still attached on the left of the screen.



Step 6

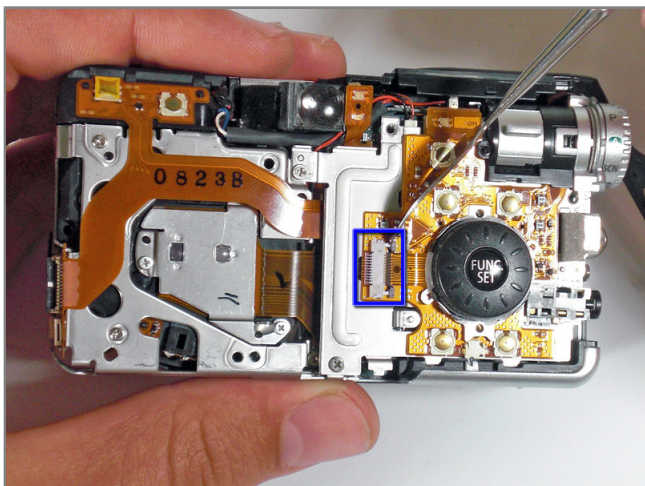
- With the spudger, gently lift the black flap that is holding the wide ribbon cable wire in place.
- Unplug the wide ribbon cable.
- Unplug the narrow ribbon cable to free the LCD screen from the camera body





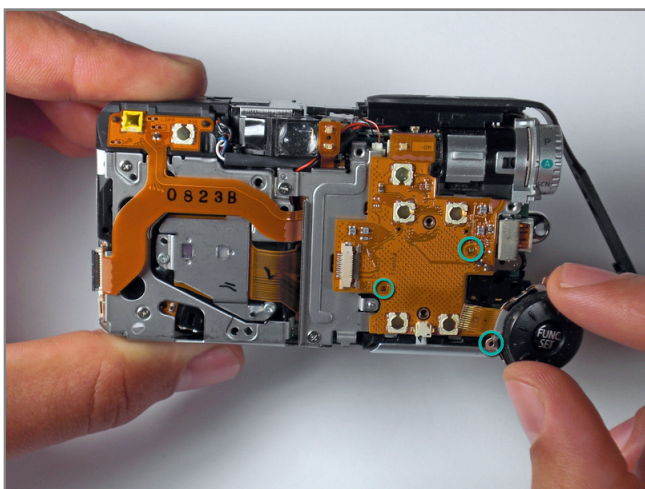
Step 7 - Motherboard

- Remove the screws holding down function set button.



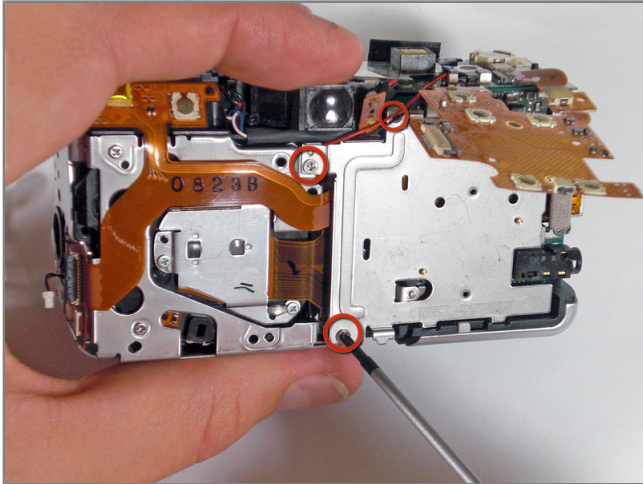
Step 8

- Gently pry up the tab with a metal spudger and remove the ribbon cable.



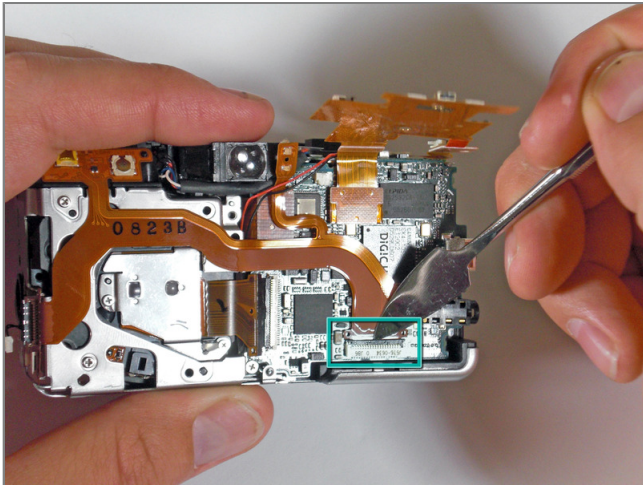
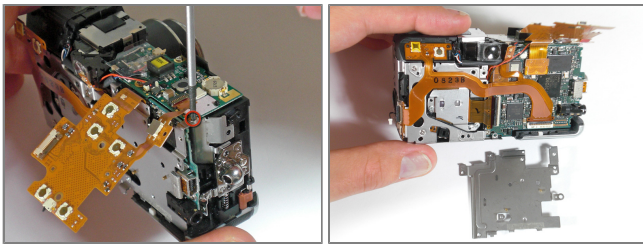
Step 9

- Be mindful of the pins as you lift up and remove the function/set button.



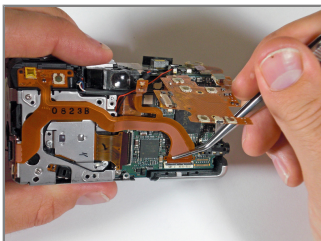
Step 10

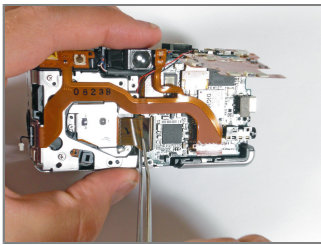
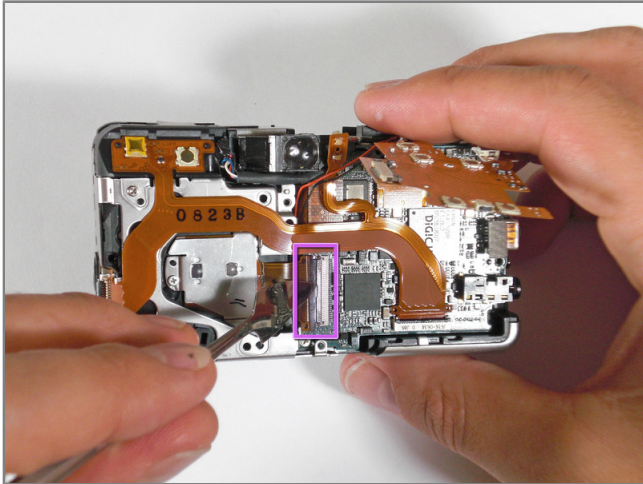
- Remove the screws from the metal plate.
- Gently remove the metal plate.



Step 11

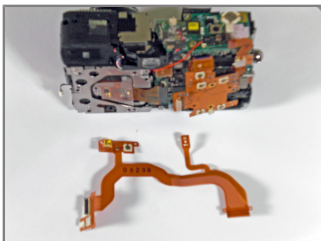
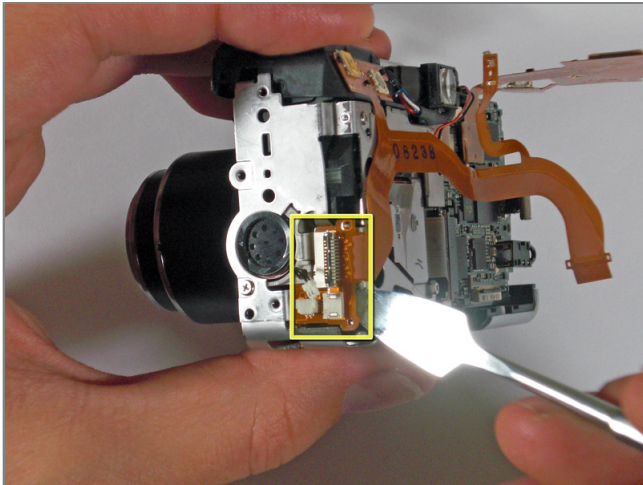
- Lift the tab connecting the ribbon cable and detach.





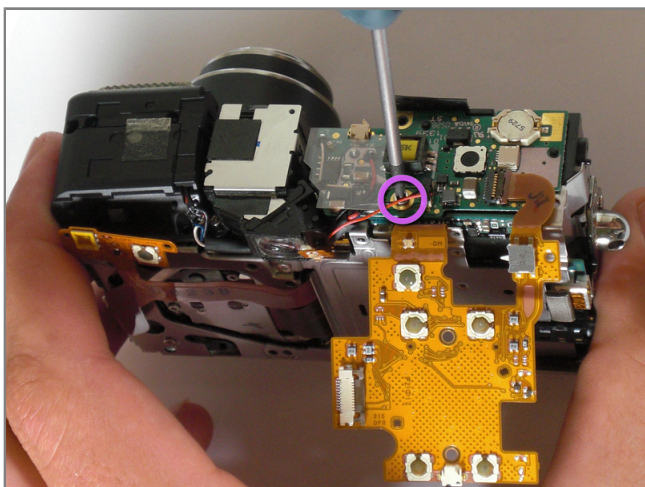
Step 12

- Use a spudger to lift up the ribbon cable tab.
- Detach the ribbon cable.



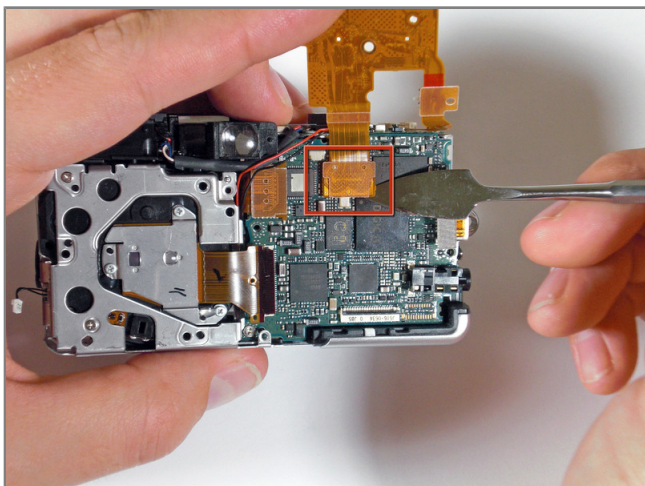
Step 13

- Gently remove the entire ribbon cable connection to release the ribbon cable from the camera.



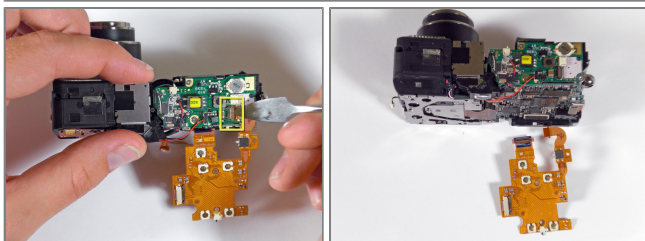
Step 14

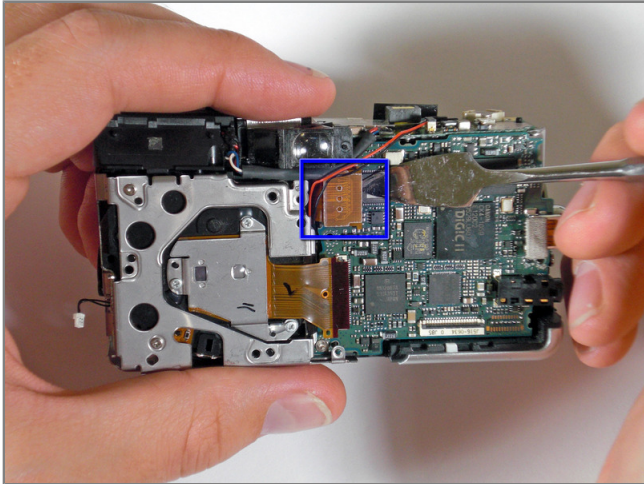
- Unscrew the circuit board from the flash unit.



Step 15

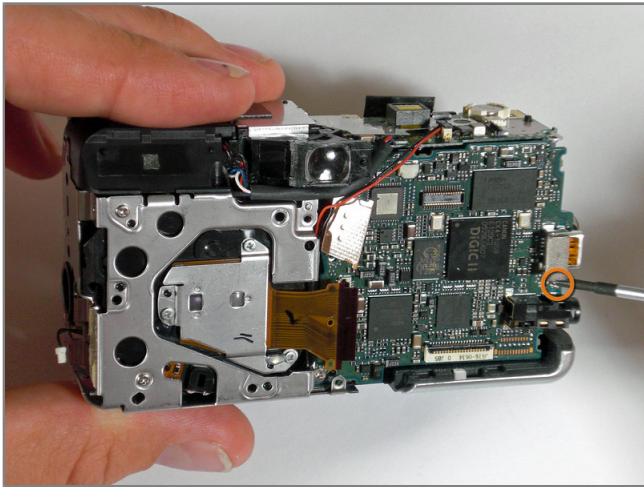
- Pry up the ribbon cable connection and remove it from the camera.
- Lift the ribbon cable tab and completely detach the cable from the camera.





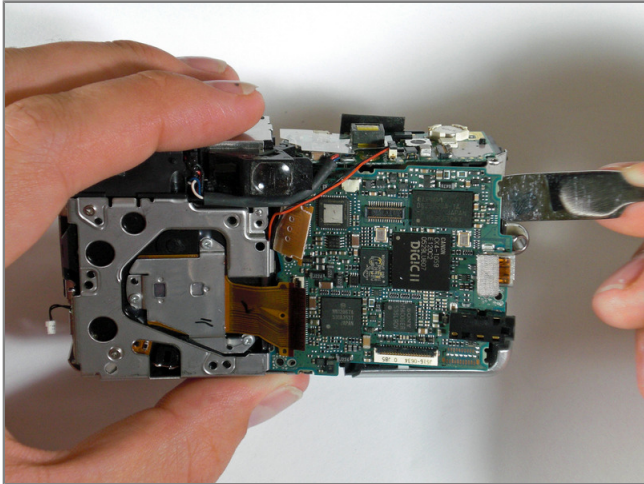
Step 16

- Pry up the connection, being mindful of the light adhesive.



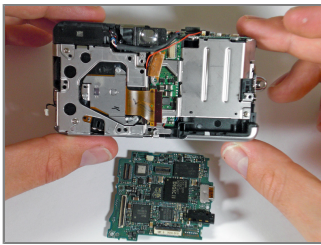
Step 17

- Remove the last screw holding the motherboard to the main body.



Step 18

- Use a spudger to gently lift the motherboard from the camera.



To reassemble your device, follow these instructions in reverse order.

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